

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD072419AR\  
 Data File : FD029835.D  
 Signal(s) : FID2B.CH  
 Acq On : 24 Jul 2019 22:04  
 Operator : DD\AJ  
 Sample : 20 PPM AROMATIC HC STD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Jul 25 02:25:21 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 071019.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jul 10 13:31:52 2019  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl  
 Signal Phase : Rxi-1ms  
 Signal Info : 20M x 0.18mm x 0.18µm

| Compound                           | R.T.   | Response   | Conc Units   |
|------------------------------------|--------|------------|--------------|
| -----                              |        |            |              |
| System Monitoring Compounds        |        |            |              |
| 4) S 2-Bromonaphthalene (S...      | 7.684  | 3207974    | 20.273 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 40.55%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.547  | 2144519    | 19.964 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 39.93%       |
| 11) S ortho-Terphenyl (SURR)       | 11.582 | 3284803    | 19.355 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 38.71%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.485  | 3485951    | 20.618 ug/ml |
| 2) T Naphthalene (C11.7)           | 6.025  | 3662698    | 20.466 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 7.076  | 3582301    | 20.306 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.351  | 3354134    | 19.813 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.647  | 3526581    | 20.014 ug/ml |
| 8) T Flouorene (C16.55)            | 9.425  | 3454582    | 19.770 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.820 | 3344052    | 19.284 ug/ml |
| 10) T Anthracene (C19.43)          | 10.894 | 3088057    | 18.264 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.627 | 3190049    | 18.628 ug/ml |
| 13) T Pyrene (C20.8)               | 12.924 | 3141525    | 18.467 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.788 | 2767051    | 17.750 ug/ml |
| 15) T Chrysene (C27.41)            | 14.832 | 2784137    | 17.863 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.334 | 2632444    | 18.027 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.366 | 2596317    | 17.952 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.711 | 2543183    | 18.136 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.072 | 2526711    | 19.833 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 18.110 | 2572606    | 20.571 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.326 | 2545439    | 20.406 ug/ml |
| -----                              |        |            |              |

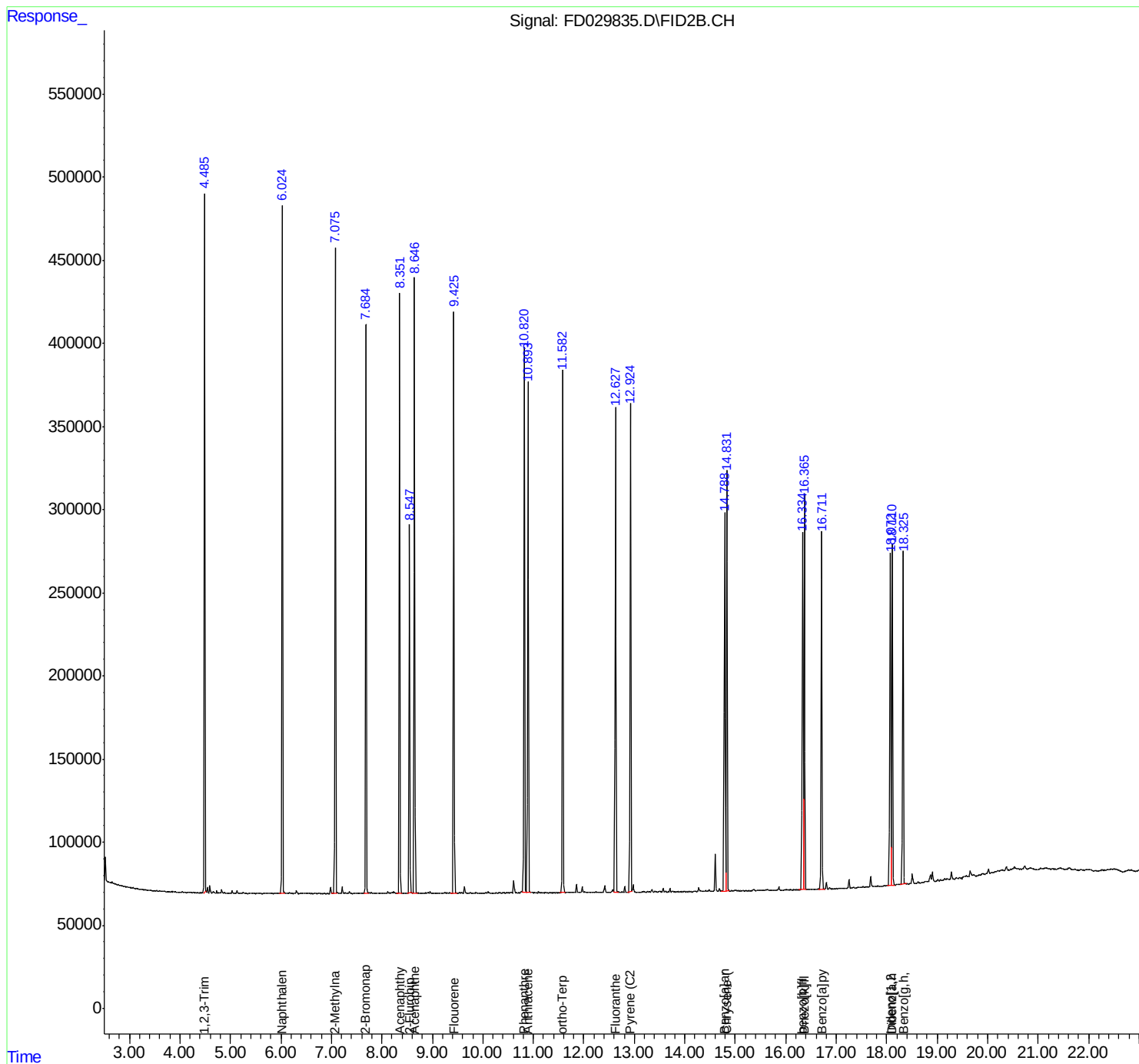
(f)=RT Delta > 1/2 Window

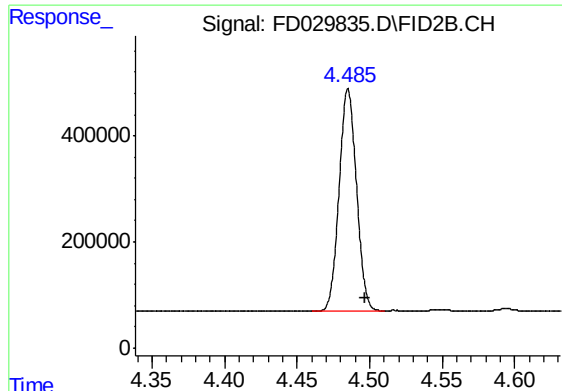
(m)=manual int.

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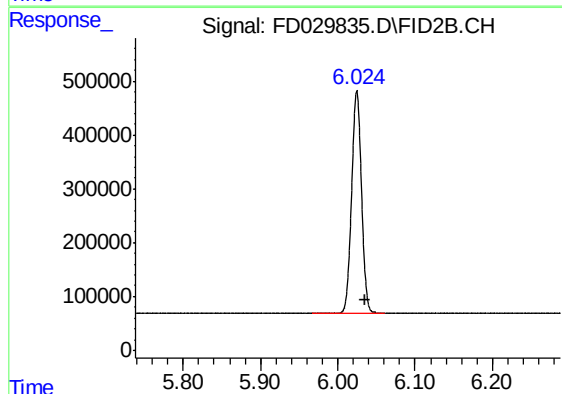
Volume Inj. : 1 µl  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18µm





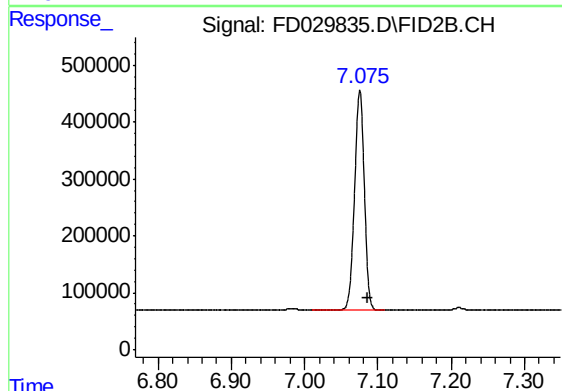
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.485 min  
Delta R.T.: -0.012 min  
Response: 3485951  
Conc: 20.62 ug/ml



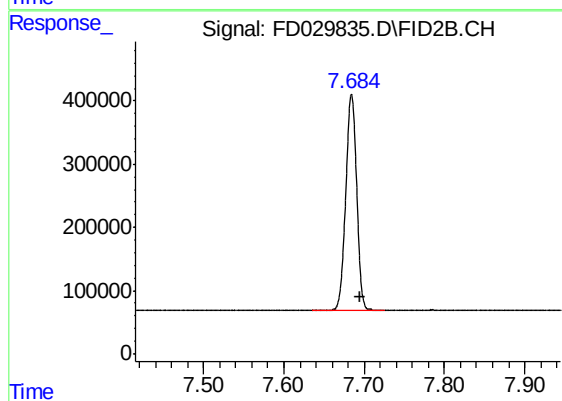
#2 Naphthalene (C11.7)

R.T.: 6.025 min  
Delta R.T.: -0.011 min  
Response: 3662698  
Conc: 20.47 ug/ml



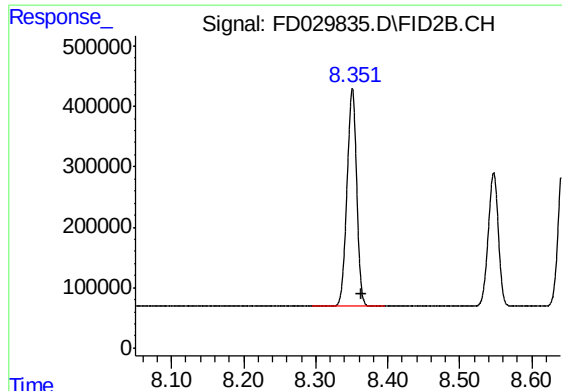
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.076 min  
Delta R.T.: -0.011 min  
Response: 3582301  
Conc: 20.31 ug/ml



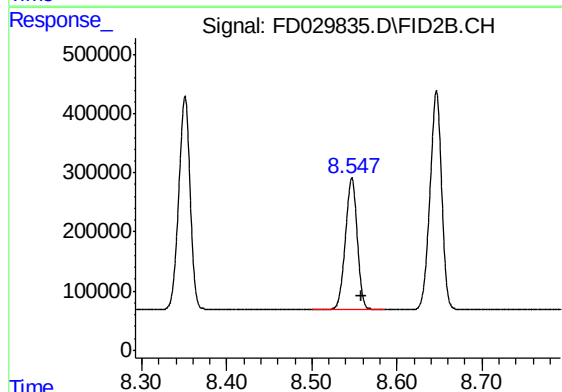
#4 2-Bromonaphthalene (SURR)

R.T.: 7.684 min  
Delta R.T.: -0.011 min  
Response: 3207974  
Conc: 20.27 ug/ml



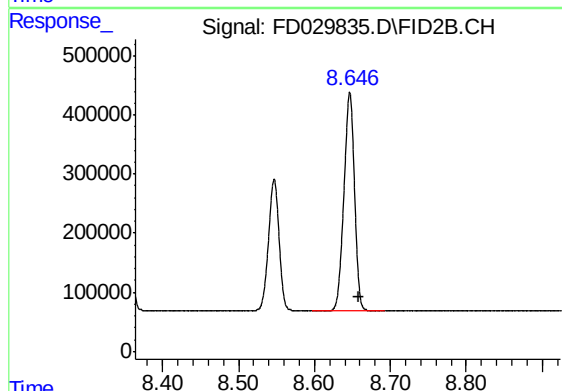
#5 Acenaphthylene (C15.06)

R.T.: 8.351 min  
Delta R.T.: -0.012 min  
Response: 3354134  
Conc: 19.81 ug/ml



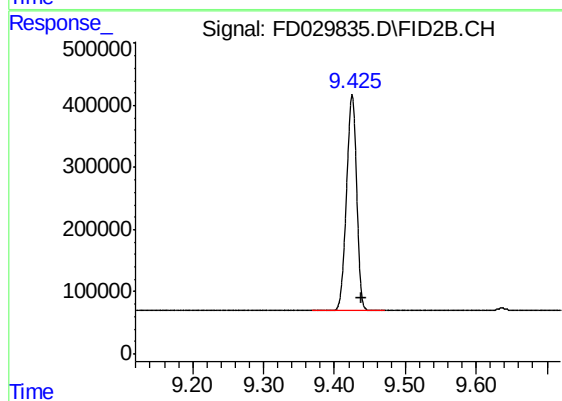
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.547 min  
Delta R.T.: -0.011 min  
Response: 2144519  
Conc: 19.96 ug/ml



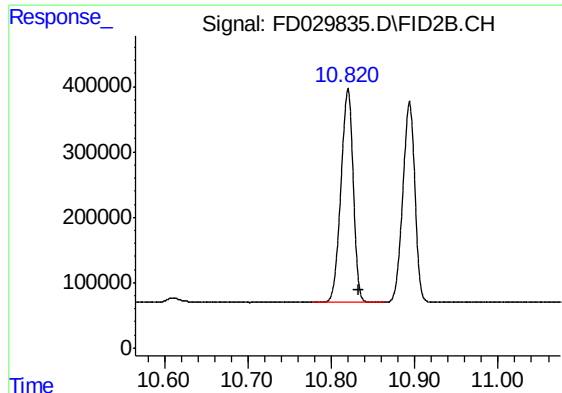
#7 Acenaphthene (C15.5)

R.T.: 8.647 min  
Delta R.T.: -0.012 min  
Response: 3526581  
Conc: 20.01 ug/ml



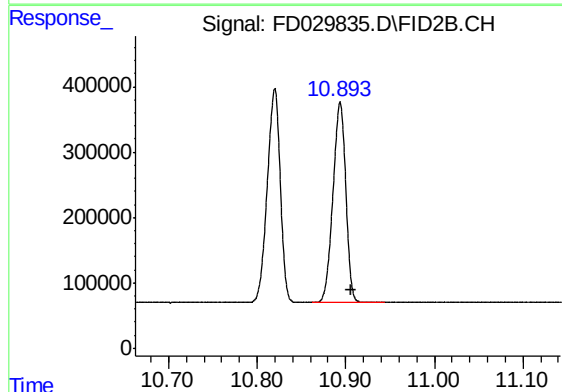
#8 Flouorene (C16.55)

R.T.: 9.425 min  
Delta R.T.: -0.012 min  
Response: 3454582  
Conc: 19.77 ug/ml



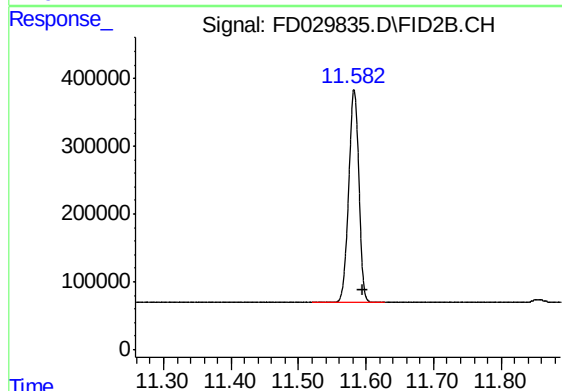
#9 Phenanthrene (C19.36)

R.T.: 10.820 min  
Delta R.T.: -0.012 min  
Response: 3344052  
Conc: 19.28 ug/ml



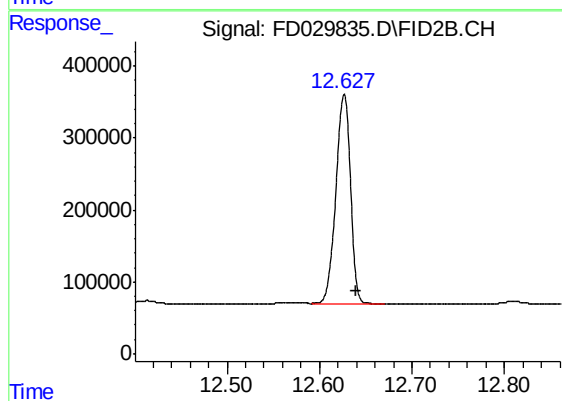
#10 Anthracene (C19.43)

R.T.: 10.894 min  
Delta R.T.: -0.013 min  
Response: 3088057  
Conc: 18.26 ug/ml



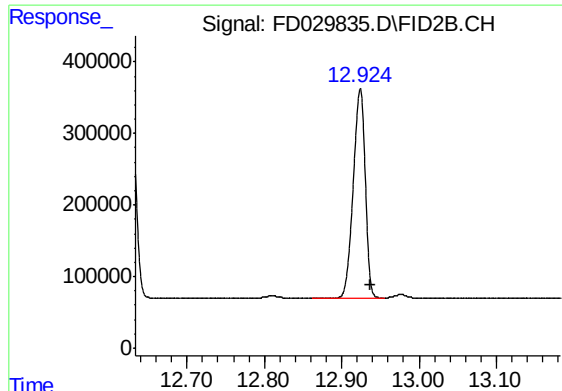
#11 ortho-Terphenyl (SURR)

R.T.: 11.582 min  
Delta R.T.: -0.012 min  
Response: 3284803  
Conc: 19.36 ug/ml



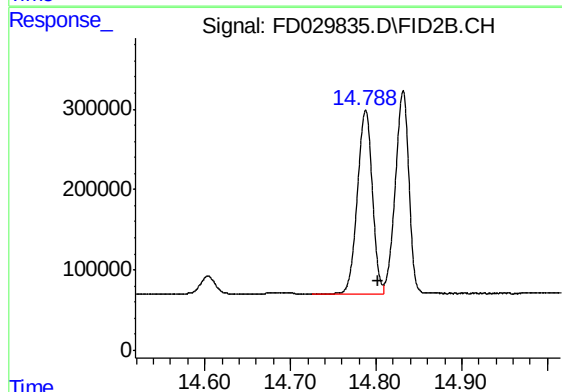
#12 Fluoranthene (C21.85)

R.T.: 12.627 min  
Delta R.T.: -0.013 min  
Response: 3190049  
Conc: 18.63 ug/ml



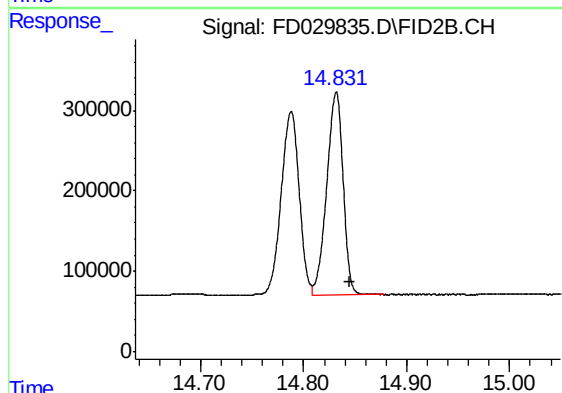
#13 Pyrene (C20.8)

R.T.: 12.924 min  
Delta R.T.: -0.013 min  
Response: 3141525  
Conc: 18.47 ug/ml



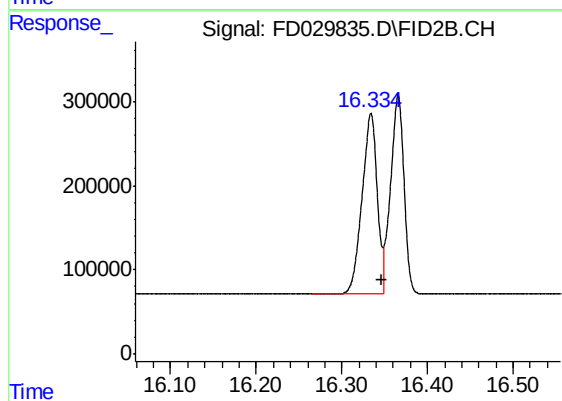
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.788 min  
Delta R.T.: -0.014 min  
Response: 2767051  
Conc: 17.75 ug/ml



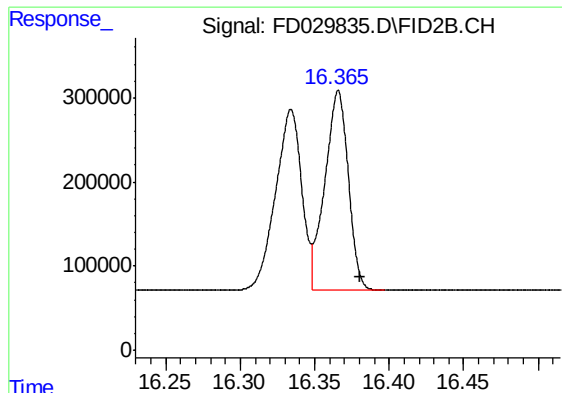
#15 Chrysene (C27.41)

R.T.: 14.832 min  
Delta R.T.: -0.013 min  
Response: 2784137  
Conc: 17.86 ug/ml



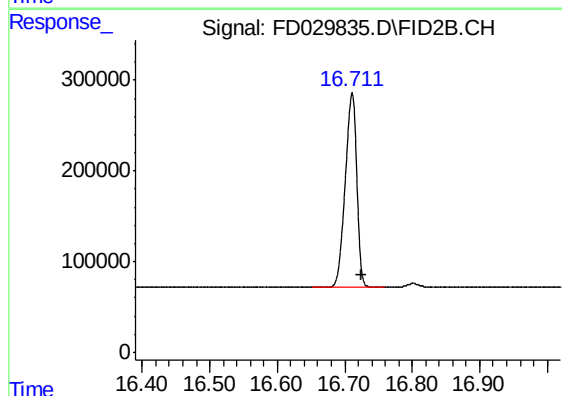
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.334 min  
Delta R.T.: -0.013 min  
Response: 2632444  
Conc: 18.03 ug/ml



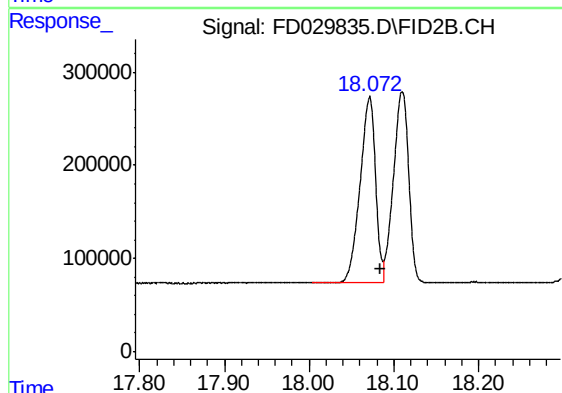
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.366 min  
Delta R.T.: -0.014 min  
Response: 2596317  
Conc: 17.95 ug/ml



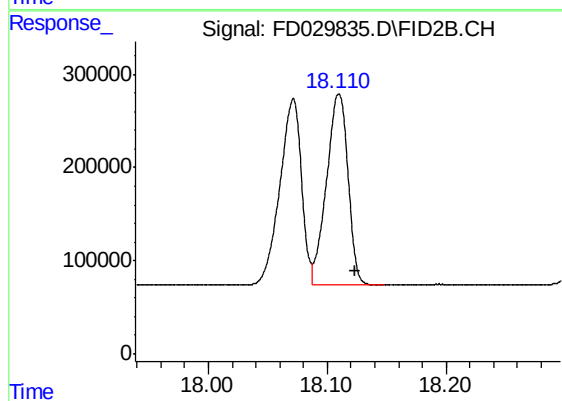
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.711 min  
Delta R.T.: -0.014 min  
Response: 2543183  
Conc: 18.14 ug/ml



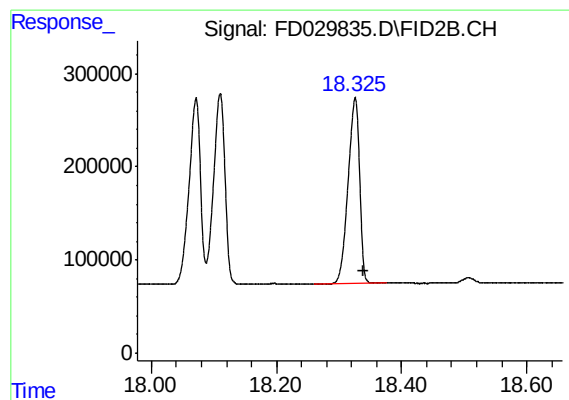
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.072 min  
Delta R.T.: -0.013 min  
Response: 2526711  
Conc: 19.83 ug/ml



#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 18.110 min  
Delta R.T.: -0.013 min  
Response: 2572606  
Conc: 20.57 ug/ml



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 18.326 min  
Delta R.T.: -0.013 min  
Response: 2545439  
Conc: 20.41 ug/ml